

Supplementary Table S4. Classification of 176 cases according to diagnostic categories of renal disease in transplant nephrectomy

Nephrectomy disease entity	Total case No.	Pathologic diagnosis (no. of cases, %)
Rejection	59	
T-cell mediated reaction	41	Chronic TCMR (24, 58.5), Acute TCMR (16, 39.0), Borderline change (1, 2.4)
Antibody mediated reaction	13	Hyperacute/accelerated acute rejection (5, 38.5), Acute ABMR (5, 38.5), Chronic ABMR (2, 15.4), MVI, DSA negative and C4d negative (1, 7.7)
Mixed	5	AMR & borderline change (1, 20.0%), AMR & TCMR (3, 60.0%), MVI & TCMR (1, 20.0%)
Drug toxicity	5	Calcineurin inhibitor nephrotoxicity (5)
Glomerular disease	10	Chronic sclerosing GN (3, 30.0), Diabetic nephropathy (2, 20.0), Mesangial proliferative GN (2, 20.0), Diffuse glomerulosclerosis (2, 20.0), Membranoproliferative GN (1, 10.0)
Tubulointerstitial disease	25	
Interstitial fibrosis/tubular atrophy	12	Interstitial fibrosis/tubular atrophy (12)
Infection associated tubulointerstitial disease	8	Pyelonephritis (7, 87.5), Diffuse necrosis with bacterial infection (1, 12.5)
Other	3	Acute and chronic inflammation (2, 66.7), Hydronephrosis (1, 33.3)
Acute tubular necrosis	1	Acute tubular necrosis (1)
Genetic disease	1	Polycystic kidney disease (1)
Vascular disease	17	
Arteriosclerosis	12	Arteriosclerosis/arteriolosclerosis (12)
Thrombotic microangiopathy	5	Thrombotic microangiopathy (2, 40.0), Renal artery thrombosis (1, 20.0), Renal vein thrombosis (1, 20.0), Intravascular embolic material (1, 20.0)
Others	60	Renal infarction (35, 58.3), End stage kidney (14, 23.3), Focal hemorrhage (9, 15.0), Lymphangiectasia (2, 3.3)

TCMR, T-cell mediated rejection; ABMR, antibody mediated rejection; MVI, microvascular inflammation; DSA, donor specific antibody; FSGS, focal segmental glomerulosclerosis; GN, glomerulonephritis; AMR, antibody-mediated rejection; TCMR, T-cell mediated rejection; MVI, microvascular inflammation.